RESPONSE TO RESTRICTION REQUIREMENT
Serial Number: 10/027,440
Filing Date: December 20, 2001
Title: ALGORITHM FOR WEB SERVICES FULFILLMENT IN A PEER-TO-PEER ENVIRONMENT

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IN THE CLAIMS

1-21.   (Cancelled)

22.   (Original) An apparatus comprising:

a server comprising:

a registry comprising identifications of services and identifications of peers that perform the services; and

a second electronic device to receive a service request from a first electronic device, to fulfill a portion of the service request, to find a third electronic device using the registry server, and to send a remaining portion of the service request to the third electronic device.

23.   (Original) The apparatus of claim 22, wherein the third electronic device is to fulfill the remaining portion of the service request and to send a response to the second electronic device.

24.   (Original) The apparatus of claim 23, wherein the third electronic device is to fulfill the remaining portion of the service request by itself.

25.   (Original) The apparatus of claim 23, wherein the third electronic device is to use a fourth electronic device to fulfill the remaining portion of the service request.

26.   (New) A method comprising:

receiving a service request;

fulfilling a portion of the service request;

sending a registry request to a registry server, the registry server comprising a registry, the registry further comprising identifications of services and identifications of peers that perform the services;

receiving a response to the registry request, wherein the response includes a plurality of peers;

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choosing a peer from the plurality of peers in the response; and

requesting a remaining portion of the service request from the peer.

27.   (New) The method of claim 26, wherein choosing the peer includes choosing the peer based on geography.

28.   (New) The method of claim 26, wherein choosing the peer includes choosing the peer based on price.

29.   (New) A machine readable medium having machine executable instructions contained therein, which when executed perform the following operations:

receiving a service request;

fulfilling a portion of the service request;

sending a registry request to a registry server, the registry server comprising a registry, the registry further comprising identifications of services and identifications of peers that perform the services;

receiving a response to the registry request, wherein the response includes a plurality of peers;

choosing a peer from the plurality of peers in the response; and

requesting a remaining portion of the service request from the peer.

30.   (New) The machine readable medium of claim 29, wherein choosing the peer includes choosing the peer based on geography.

31.   (New) The machine readable medium of claim 39, wherein choosing the peer includes choosing the peer based on price.

32.   (New) A system comprising:

a server comprising:

a registry comprising identifications of services and identifications of peers that

perform the services; and

a network adapter; and

a second electronic device to receive a service request from a first electronic device, to fulfill a portion of the service request, to find a third electronic device using the registry server, and to send a remaining portion of the service request to the third electronic device.

33.   (New) The system of claim 32, wherein the third electronic device is to fulfill the remaining portion of the service request and to send a response to the second electronic device.

34.   (New) The system of claim 33, wherein the third electronic device is to fulfill the remaining portion of the service request by itself.

35.   (New) The system of claim 33, wherein the third electronic device is to use a fourth electronic device to fulfill the remaining portion of the service request.